

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1                   1.       (Currently Amended) A system for verifying modem status for a  
2 telecommunications service provider in a broadband network serviced by a central office, the  
3 system comprising:  
4                    an internet interface for receiving a modem status request from the  
5 telecommunications service provider via a telecommunications network;  
6                    an integrator capable of retrieving subscriber information; and  
7                    a server connected to said internet interface for receiving said modem status  
8 request and transmitting said modem status request to said integrator whereby said integrator  
9 interprets said modem status request and retrieves corresponding subscriber information and  
10 transmits said corresponding subscriber information to said server, said server thereby converting  
11 said corresponding subscriber information to a central office request and sending said central  
12 office request to said central office, said central office responding to said request and  
13 transmitting a status signal to said server and said server transmitting said signal to said internet  
14 interface which converts said status signal to a readable format for said telecommunications  
15 service provider.

1                   2.       (Original) The system of claim 1 wherein said internet interface is a web  
2 server having an internet web site resident therein containing a list of telecommunications  
3 service provider customers.

1                   3.       (Original) The system of claim 2 wherein said modem status request is a  
2 designation of a customer from said list of telecommunications service provider customers.

1                   4.       (Original) The system of claim 3 wherein said modem status request is a  
2 telecommunications service provider customer telephone number.

1                   5.       (Original) The system of claim 4 wherein said subscriber information is  
2 customer node and port records.

1                   6.       (Currently Amended) The system of claim 1 wherein central office  
2 includes a Digital Subscriber Line Access Multiplexer (DSLAM) ~~DSLAM~~ and said central office  
3 request is a Simple Network Management Protocol (SNMP) ~~SNMP~~ request corresponding to the  
4 DSLAM.

1                   7.       (Original) The system of claim 1 wherein said readable format for said  
2 telecommunications service provider is a web site interface.

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1                   8.       (Original) The system of claim 1 wherein said status signal includes a  
2 status from a list of connected, not connected or connecting.

1                   9.       (Original) The system of claim 1 wherein said status signal is provided to  
2 said telecommunications service provider in real-time.

1                   10.      (Original) The system of claim 1 wherein said server is capable of  
2 receiving multiple status requests.

1                   11.      (Currently Amended) A system for verifying modem status for an internet  
2 service provider in a digital broadband network serviced by a central office, the system  
3 comprising:

4                   a web server having an internet website interface for receiving a modem status  
5 request from the internet service provider via the internet;

6                   an integrator capable of retrieving subscriber location information;

7                   a status server connected to said web server for receiving said modem status  
8 request and transmitting said request to said integrator whereby said integrator interprets said  
9 modem status request and retrieves corresponding subscriber location information and transmits  
10 said corresponding subscriber information to said status server, said status server thereby

11 converts said corresponding subscriber information to a central office Digital Subscriber Line  
12 Access Multiplexer (DSLAM) ~~DSLAM~~-request and sends said central office DSLAM request to  
13 said central office DSLAM, said central office DSLAM responds to said request and transmits  
14 said signal to said webserver which converts said signal to a readable format on said internet  
15 website interface for viewing by said internet service provider.

1 12. (Currently Amended) A method for verifying modem status for a an  
2 telecommunications service provider in a communications network serviced by a central office,  
3 the method comprising:  
4 connecting to an internet interface;  
5 transmitting a modem status request from the telecommunications service  
6 provider to the internet interface;  
7 transferring said modem status request from the internet interface to a server;  
8 transmitting said modem status request from said server to an integrator whereby  
9 said integrator interprets said modem status request and retrieves corresponding subscriber  
10 information;  
11 transmitting said corresponding subscriber information to said server;  
12 converting, at the server, said corresponding subscriber information to a central  
13 office request;  
14 sending said central office request to said central office;  
15 querying, from the central office, a modem status of a customer and creating a  
16 status signal;  
17 transmitting said status signal to said server;  
18 transmitting said status signal from said server to said internet interface; and  
19 converting said status signal to a readable format for said telecommunications  
20 service provider.

1 13. (Original) The method of claim 12 wherein connecting to said internet  
2 interface further comprises connecting to a web server having an internet web site resident  
3 therein containing a list of telecommunications service provider customers.

1                   14.     (Original) The method of claim 13 wherein transmitting said modem  
2 status request further comprises designating of a customer from said list of telecommunications  
3 service provider customers.

1                   15.     (Original) The method of claim 12 wherein converting said corresponding  
2 subscriber information to the a-central office request further comprises converting said  
3 corresponding subscriber information to a SNMP request corresponding to a DSLAM located at  
4 the central office.

1                   16.     (Currently Amended) The method of claim 12 wherein converting said  
2 status signal to the a-readable format for said telecommunications service provider further  
3 comprises converting the status signal to a web site interface screen indicating a status in real  
4 time.

1                   17.     (Currently Amended) A method for verifying modem status for an  
2 internet service provider in a digital broadband network serviced by a central office, the method  
3 comprising:

4                   connecting to a webserver having an internet website interface;  
5                   transmitting a modem status request to the webserver via said internet website  
6 interface;

7                   transferring said modem status request from the webserver to a status server;  
8                   transmitting said modem status request from said status server to an integrator  
9 whereby said integrator interprets said modem status request and retrieves corresponding  
10 subscriber location information;

11                   transmitting said corresponding subscriber location information to said status  
12 server; converting said corresponding subscriber location information to a central office Digital  
13 Subscriber Line Access Multiplexer (DSLAM) DSLAM-request;

14                   sending said central office DSLAM request to said central office;  
15                   querying modem status of a customer and creating a status signal;  
16                   transmitting said status signal to said server;

17 transmitting said status signal from said status server to said web server; and  
18 converting said status signal at said web server to a website interface for  
19 communication to said internet telecommunications-service provider.

1 18. (Original) The method of claim 17 wherein converting said status signal  
2 to a website interface for communication to telecommunications service provider further  
3 comprises converting the status signal to a web site interface screen indicating a status in real  
4 time for viewing via an internet connection.

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1 19. (New) The system of claim 1, wherein the telecommunications service  
2 provider is an Internet Service Provider (ISP).

1 20. (New) The method of claim 12, wherein the telecommunications service  
2 provider is an Internet Service Provider (ISP).

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